

Fig. 2

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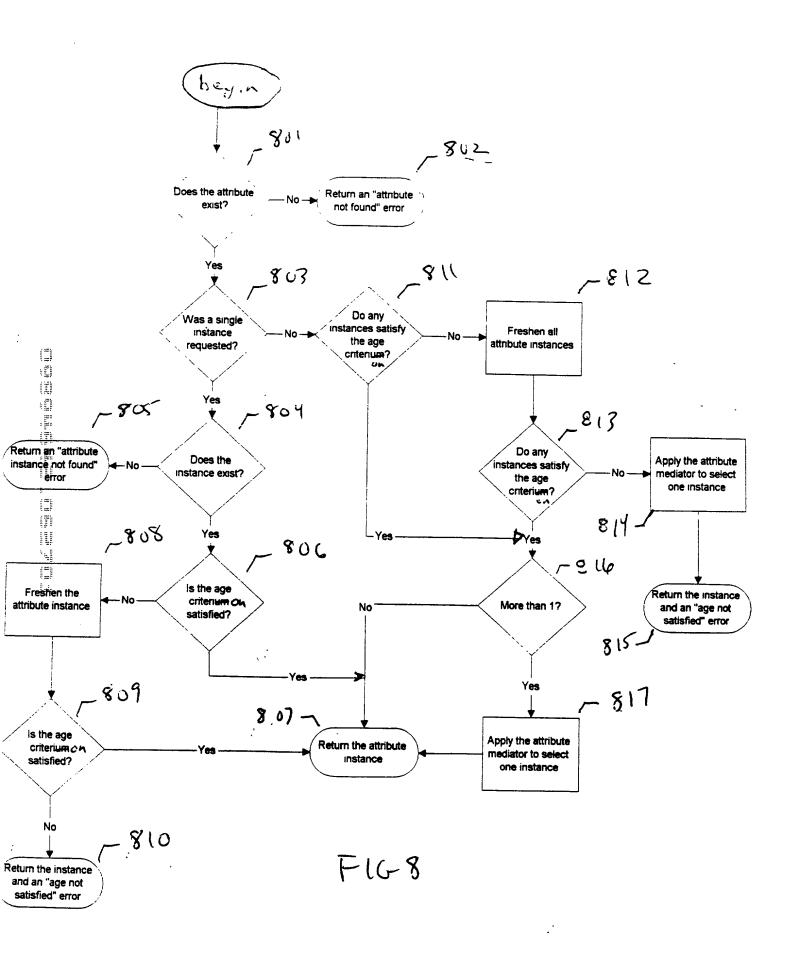
				Ļ	200							
request handler	ıce)	ice)	ce)	7.7	attribute instance table	number of	context clients consuming	2	2		0	1217
	(reference)	(reference)	(reference)	۲ ۲ / ۶	attri	units		degrees/minutes	degrees/minutes	meters	none	1216
filename	gps.exe	ips.exe	l r a.exe	51h-		timestamp		13:11:04.023 2/22/2000	13:11:01.118 2/22/2000	13:11:01.118 2/22/2000	none	1515
installation date	2/10/2000	2/21/2000	2/10/2000	IG 4		uncertainty		0°.09′	0°.021'	۶.	none	3 FIG 5
version		/2/	/2	21117		value		47° 38.73' N,	47° 38.745' N, 122° 18.424' W	22	none	18/
	1		alvsis 1	1141		context server	name	sdg	ips	sdi	location_region_	7.5
context server name	gos	Sai	location region analysis			attribute name		user location,	user location	user elevation	user.in_region	ا ا ا
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	context client name	message handler	
10	location map	(reference)	
	distance from home	(reference)	
ء را و	region analysis	(reference)	
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FIG 6

attribute name	context server name	value	uncertainty	timestamp	units	number of context clients consuming
user location	gps	47° 38.73' N, 122° 18.43' W	,60°,0	13:11:04.023 2/22/2000	degrees/minutes	2
user.location	ips	47° 38.745' N, 122° 18.424' W	0°.021'	13:11:01.118 2/22/2000	degrees/minutes	2
user elevation	sdi	22	S .	13:11:01.118 2/22/2000	meters	
user in_region	location_region_	none	none	none	none	_



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attribute name context server					
_	value	uncertainty	timestamp	units	number of
		·			context clients
					consuming
user location gps	47° 38.73' N,	.60°.0	13:11:04.023	degrees/minutes	2
	122° 18.43' W		2/22/2000		
user location ips	47° 38.745' N,	0°.021'	13:11:01.118	degrees/minutes	2
	122° 18.424' W		2/22/2000	-	
user elevation ips	22.25	.5	13:11:06.565	meters	_
			2/22/2000		
user in region region analysis	none	none	none	none	

condition name context client name first logical second logical comparison value logical operator parameter parameter TRUE =	410)1	1 (1615)	10 - 1014	2 / 1013 FIG 10	21017 11012	101	
context client name first logical second logical comparison value parameter parameter				region		in region true	<u>ه</u>
context client name first logical second logical comparison value				parameter			
	logical operator	comparison value	second logical	first logical	context client name	condition name	

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FIG 12

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attribute request table

attribute name	context client name
user.location	distance_from_home
user.in_region	location_map
user.location [gps]	location_region_analysis
user.elevation	location_map
411	Figure 14 7 1412

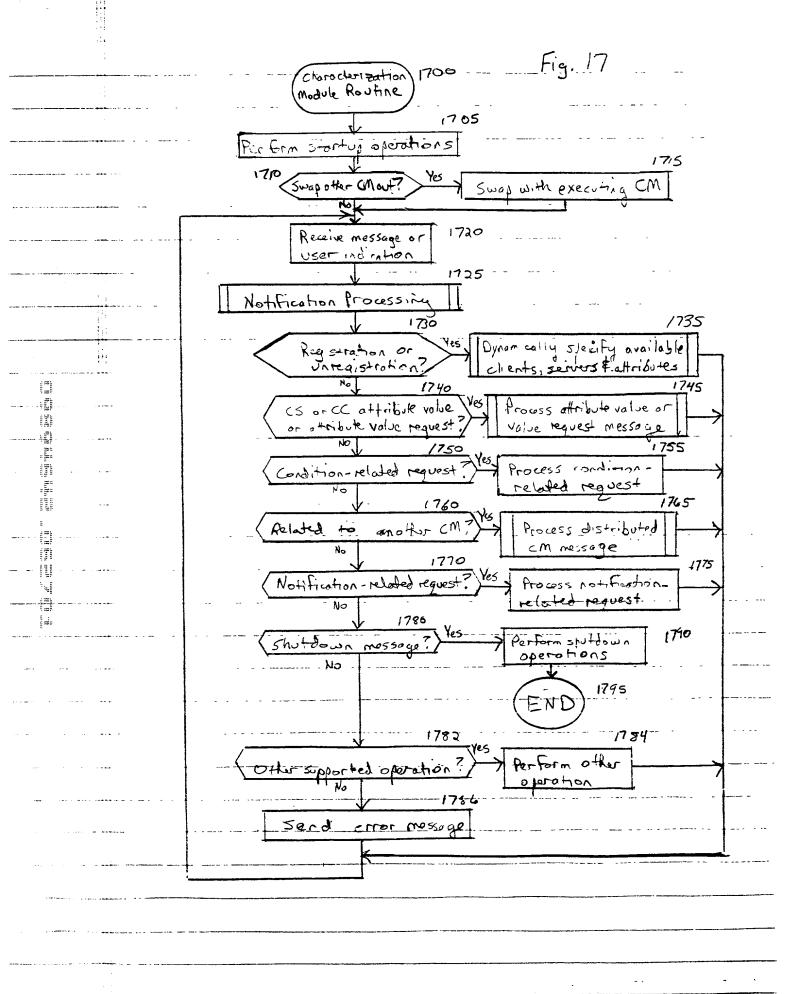
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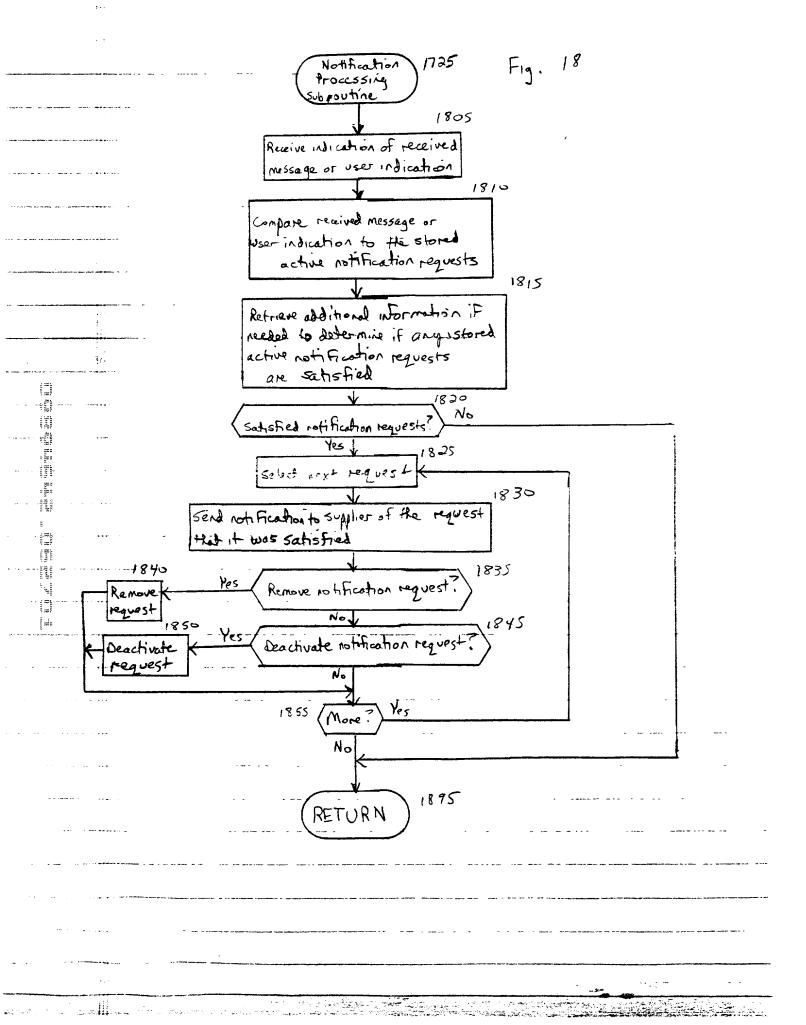
User.	Platform. (continued)
Desired privacy level	CPU.
Interruptibility	Load Fig. 15
Speed	Speed 'J'
Direction	Memory.
Acceleration	Total capacity
Availability.	Used
Cognitive availability	Storage.
Tactile availability	Total_capacity
Manual availability	Used
Visual availability	Connectivity.
Oral availability	Connection status
Auditory availability	Connection_speed
Proximity. <item name="" or="" place=""></item>	Connection_type/device
Mood.	Connection activity
Happiness	Power.
Sadness	Power_source
Anger	Power level
Frustration	Environment.
Confusion	People.
Activity.	Nearest
Driving	Number_present
Eating	Number_close
Running	Local.
<u> </u>	Time
Sleeping	Date
Talking	Temperature
Typing	Pressure
Walking	Wind_speed
Location.	Wind direction
Place_name	Absolute humidity
Latitude	High forecast_temperature
Longitude	Low forecast_temperature
Altitude	People present
Room	Ambient noise level
Floor	Ambient light level
Building Address	Days. <pre>previous or future>.</pre>
	High temperature
Street	Low temperature
City	Precipitation type
County	Precipitation_amount
State	Place. < place name>. (same as Environment. Local)
Country	Application.
Postal_Code	Application. Mail.
Destination. (same as User.Location.)	Available
Physiology.	New_messages_waiting
Pulse	Messages waiting to be sent
Body_temperature	Phone.
Blood_pressure	Available
Respiration	In_use
Person. <name id="" or="">. (same as User.)</name>	On/off
Platform.	- · · · · · · · · · · · · · · · · · · ·
UI.	Notification_mechanism
Oral_input_device_availability	Call_incoming
Manual_input_device_availability	Caller_ID Sound recorder.
Tactile_output_device_availability	Sound_recorder. Available
Visual_output_device_availability Auditory_output_device_availability	Recording
VIIININA WALES OF THE AUTHOR ATTEMPT A	1/00/1/MILE

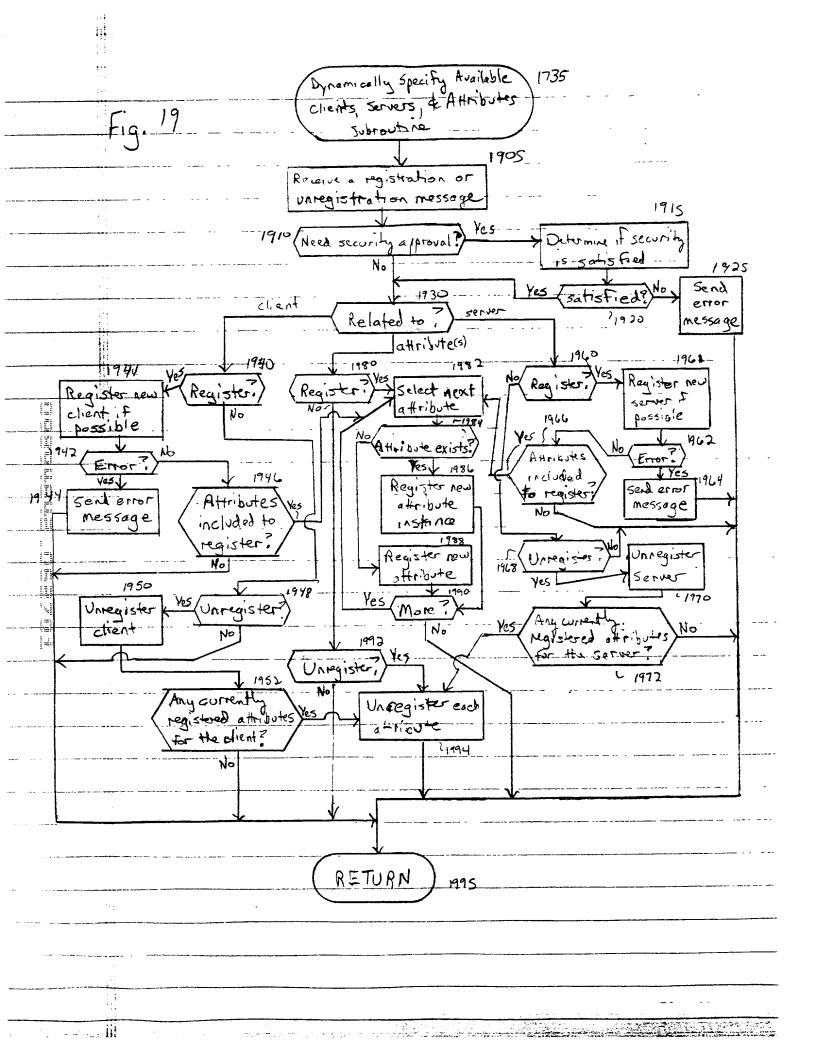
- 1) User Setting
 - a) Mental Context
 - i) Meaning
 - ii) Cognition
 - (1) Divided User Attention
 - (2) Task Switching
 - (3) Background Awareness
 - iii) Solitude
 - iv) Privacy
 - (1) Desired Privacy
 - (2) Perceived Privacy
 - v) Social Context
 - vi) Affect
 - b) Physical Situation
 - i) Body
 - (1) Biometrics
 - (2) Posture
 - (3) Motion
 - (4) Physical Encumberment
 - (a) Senses
 - (i) Eyes
 - (ii) Ears
 - (iii) Tactile
 - (iv) Hands
 - (v) Nose
 - (vi) Tongue
 - (b) Workload demands/effects
 - (c) Interaction with computer devices
 - (d) Interaction with people
 - (e) Physical Health
 - ii) Environment
 - (1) Time/Space
 - (2) Objects
 - (3) Persons
 - (a) Audience/Privacy Availability
 - (i) Scope of Disclosure
 - (ii) Hardware affinity for privacy
 - (iii) Privacy Indicator for User
 - (iv) Privacy Indicator for Public
 - (v) Watching Indicator
 - (vi) Being Observed Indicator
 - (4) Ambient Interference
 - (a) Visual
 - (b) Audio
 - (c) Tactile

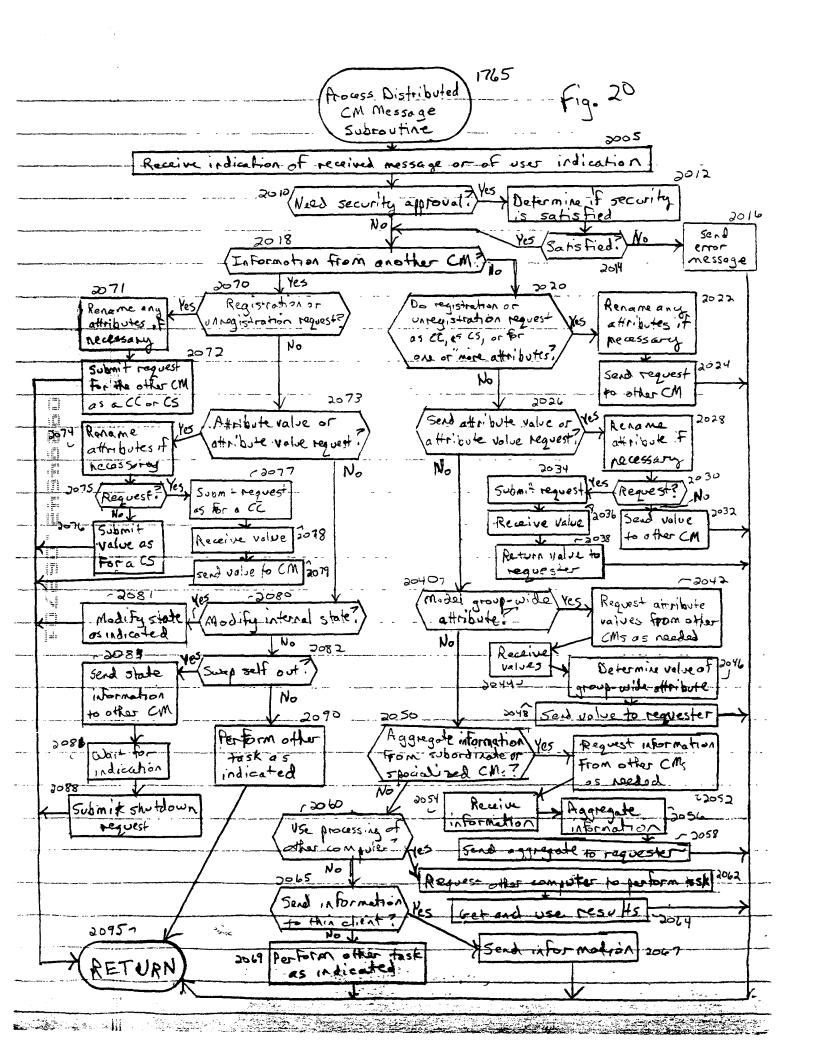
- 2) Computer
 - a) Power
 - b) Configuration
 - i) User Input Systems
 - (1) Hand/Haptic
 - (a) Keyboard/Keystrokes
 - (2) Voice/Audio
 - (3) Eye Tracking
 - (4) Cursors
 - (a) Axis
 - (b) Resolution
 - (i) Selection
 - (ii) Invocation
 - (c) Accelerators
 - ii) Output Systems
 - (1) Visual
 - (a) Resolution
 - (2) Audio
 - (a) Public/Private
 - (3) Haptic
 - iii) External Resources
 - (1) I/O devices
 - (2) Connectivity
 - c) Data
 - Quantity/State
 - ii) Urgency/Importance
 - (1) Use of Prominence
 - iii) Modality
 - iv) Sensitivity/Purpose
 - (1) Privacy Issues
 - (2) Use of Association
 - (3) Use of Safety
 - v) Source/Ownership
 - (1) Types
 - (a) User generated
 - (b) Other computers or people
 - (c) Sensor
 - (d) PC State
 - (2) Use of Association

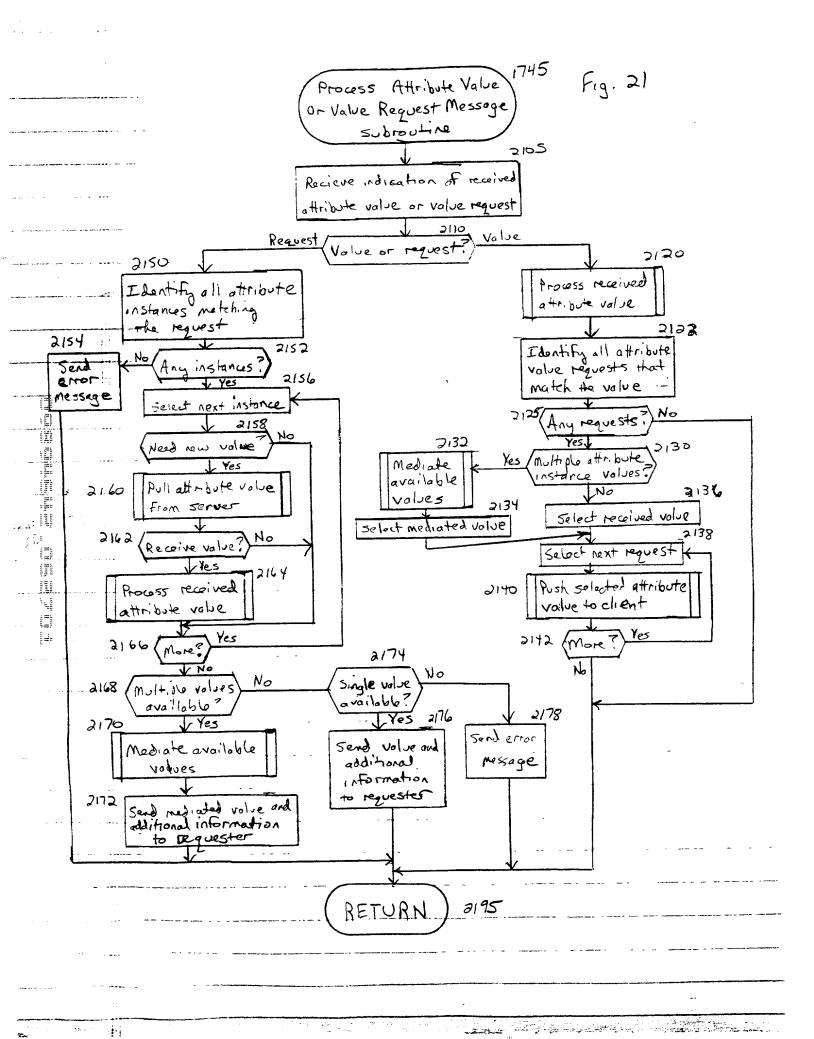
Fig. 16

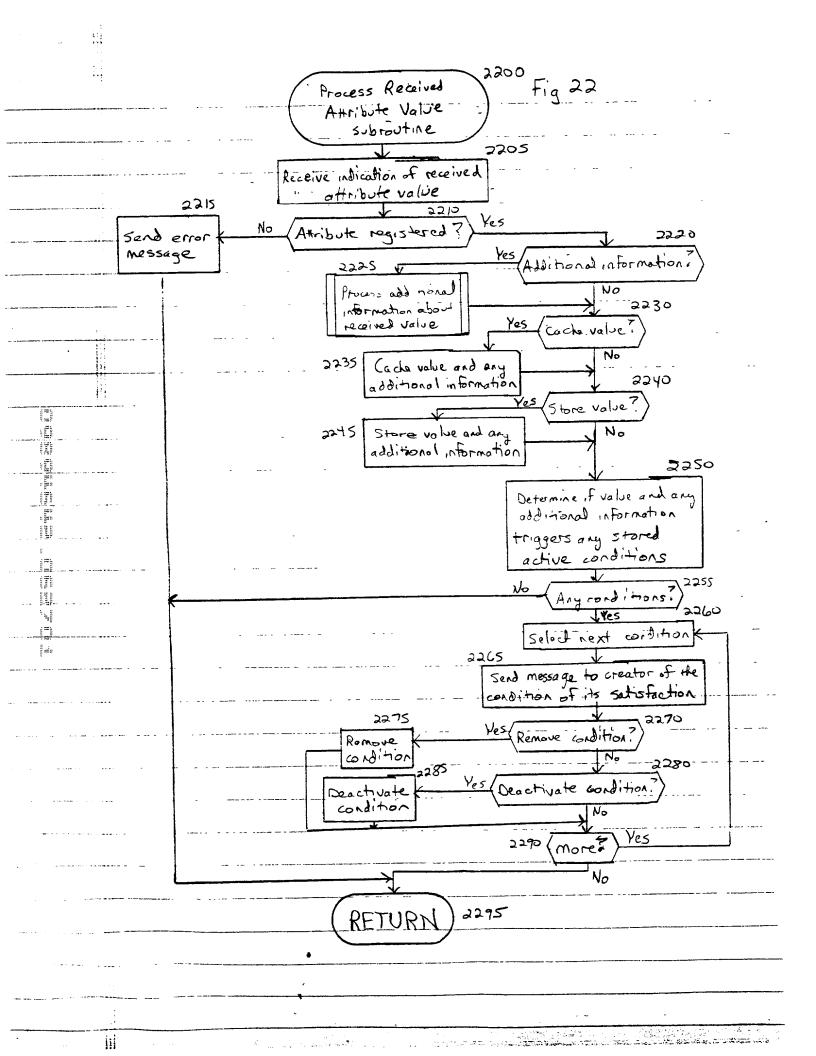


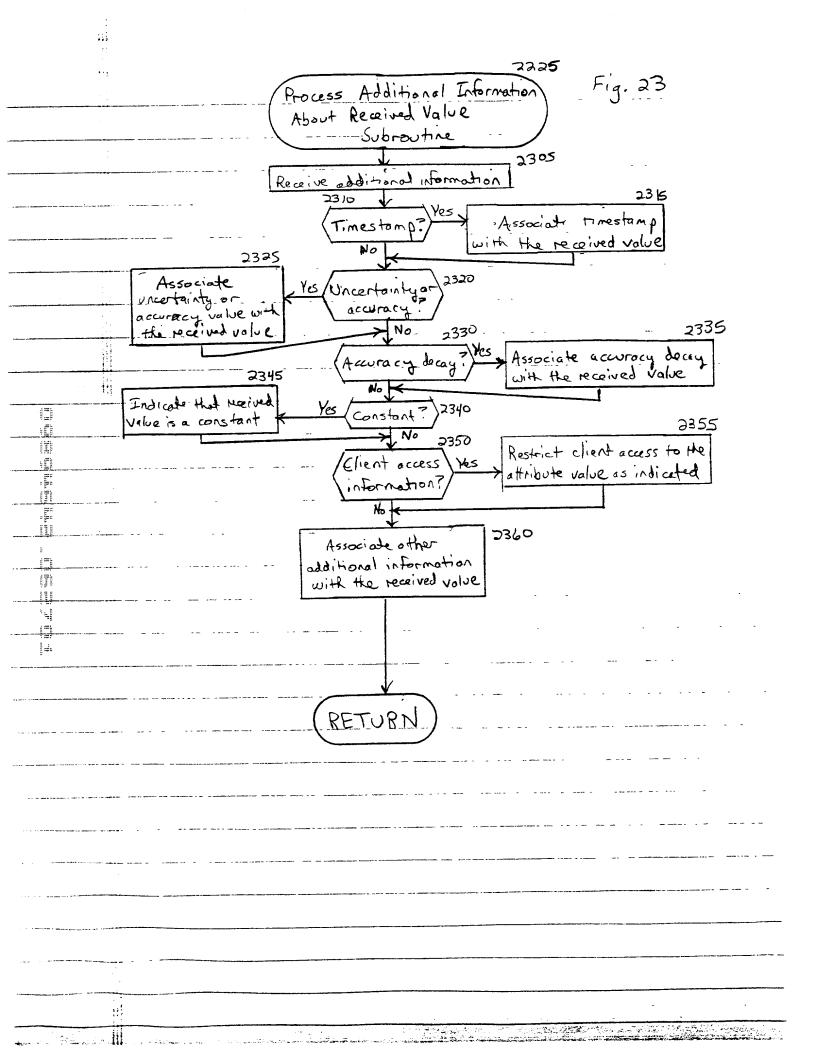


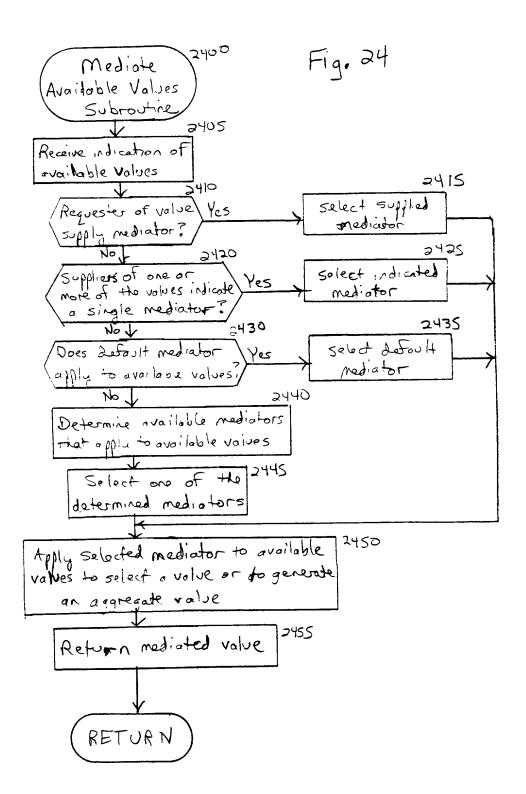












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